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**NAGALAND EDUCATION MISSION SOCIETY  
SAMAGRA SHIKSHA  
NAGALAND; KOHIMA.**

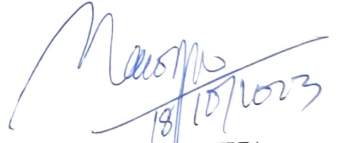
**NOTICE INVITING TENDER**

**Dated Kohima, the      <sup>th</sup> October 2023.**

**No. NLD/SS/QLTY-M & SC LAB-29/2022-23::** GST Registered firm are hereby invited to submit rate for the supply of Math and Science lab equipment. List and specification of materials and equipment is given at **Annexure- I & II**

**Terms & Condition**

1. Rate should be quoted with brand name
2. Sample should be submitted and it shall be returned to the unsuccessful tenderer after completion of tender formalities
3. Materials and equipment shall be delivered F.O.R destination in 616 location approximately. List of destination is given at **Annexure- III**.
4. Rate should be quoted separately for F.O.R destination for each location.
5. Work should be completed within 90(ninety days from the days of issue of order.
6. Materials & Equipment should be labeled as 'Issued by Samagra Shiksha Nagaland'.
7. The firm should be GST registered in the State of Nagaland.
8. GST filing should be updated till up to preceding month. GSTRB of the filing should be submitted.
9. Last date of submission of tender is 14(forteen) days from the date of issue of this order.
10. The undersigned reserved the right to cancel this order without mentioning any reason.

  
(TEMSUNARO AIER)  
State Mission Director

**No. NLD/SS/QLTY-M & SC LAB-29/2022-23 Dated Kohima, the      <sup>th</sup> October 2023.**

Copy to:

1. The Commissioner & Secretary to the Government of Nagaland, School Education & SCERT Department for information.
2. The Convenor & Member NIT committee for information and necessary action. They shall submit their recommendation on or before 31/10/2023 to the undersigned.
3. Samagra Shiksha, Nagaland Website.
4. Samagra Shiksha Notice Board
5. Office copy

  
(TEMSUNARO AIER)  
State Mission Director

## Annexure- I

List and specification of materials and equipment in respect of Science Lab

Sl.No	ITEM NAME	Specifications
1	Vernier Calliper	12.5cm length,L.O 0.01mm steel
2	bob/Metallic sphere(small)with hooks	BOB WITH HOOK (used in simple pendulum experiment)Brass Dia 18mm
3	Screw Guage	o.25mm,L.C 0.01mm, stainless steel rod
4	Spherometer	1inch length,3 legs,single disc,screw pitch 0.05mm,L.C 0.005mm
5	Watch Glass	3 inch diameter
6	Protector(Plastic)	lab use superior quality
7	Spring Balance,tubular	Tubular Acrylic 1kg
8	Meter Scale 100 cm	100cm,made of steel
9	Meter Scale 50 cm	50cm,made of steel
10	Stop Clock	larger sweep hand reading 0-60x1 sec with smaller dial reading 0-60x1 min
11	Spirit lamp/burner	made of brass
12	Laboratory Thermometer	30cm length-10 to 110c mercury
13	Thermometer 1/2 degree C	superior quality
14	Stirrer	stirrer
15	Tuning Fork set	set of 8.superior quality
16	D scale for measuring angles	plyboard protractor with radius of about 30cm and marked 0°to 90°with an interval of 15°each
17	Measuring tape	10 m long measuring tape made of steel
18	Voltmeter (0-500mA)	Voltmeter (0-500mA)
19	Electromagnet for demo	Electromagnet for demo
20	Plane mirror small size	72x25mm
21	Convex mirror	Dia 50mm,FL 15cm,25cm
22	Concave mirror	Dia 50mm,FL 15cm,25cm
23	Convex lens	Dia 2",FL 10cm, 15cm,20cm
24	Concave lens	Dia 2",FL 10cm, 15cm,20cm
25	prism	Equilateral60x60x60,50mm superior quality
26	Glass slab 75x50x18mm	Glass slab 75x50x18mm
27	Magnetic compass small size	Dia 18mm both side glass
28	Bar magnets	100x11x7mmpackage,pair,superior quality
29	Working model of electric motor	Acrylic body

*Naresh*  
13/10/23

Sl.No	ITEM NAME	Specifications
30	Working model of Dynamo	AC superior quality
31	Newtons Ring model	superior quality
32	nnp transistor	nnp transistor of different quality
33	pnp transistor	pnp transistor of different quality
34	junction doide/semiconductor diode	different values
35	LED	small for demo
36	Electric Switch	best quality
37	IC chip	different configurations
38	Capacitor	different values
39	Electric Tester	high sensitivity,superior quality
40	NCERT Molecular model kit	as specified by NCERT
41	Weight box	wooden box,weight made of brass chrome plated,range 1mg to 100g
42	Wash bottles	plastic 250 ml
43	Funnel	plastic
44	Bunsen Burner	steel
45	rubber pipe for bunsen burner	rubber
46	Galvanometer	DC with stand sensitivity 200 micro amp per meter
47	pH chart laminated	polyart laminate with plastic roller
48	Modern Perodic Table Laminated	laminated with plastic,4.5x3 foot,plastic pipe at top and bottom
49	Laboratory Safety chart	75x100cm.printed on poly art plastic sheet coloured fitted with plastic roller
50	Laboratory Technique Chart	75x100cm.printed on poly art plastic sheet coloured fitted with plastic roller
51	Chemical Bonding chart	75x10 cm. weather proof,washable,and markable surface
52	Hybrid orbital chart	depicting different types of hybridisation
53	Element with Name,Atomic number,Atomic Mass and symbol	element with their names,symbols,atomic etc
54	Classification of organic compounds	depicting different groups of organic compound as a flow chart
55	Functional group chart	as specified above depicting functional groups
56	Pipette,Pasteures(packet of 500)	LDPE plastic,(dropper).3ml
57	Wall mounting first aid kit	metal with multi compartment,rectangular

*[Handwritten signature]*  
 10/10/2022

Sl.No	ITEM NAME	Specifications
58	Water bath	with concentric rings copper,two handles,150mm
59	Burette brush nylon	nylon
60	Filter paper 12x5cm	12x5cm
61	Litmus paper red	packets with 5 books leaves per book 20 supplied in plastic box
62	Litmus paper blue	packets with 5 books leaves per book 20 supplied in plastic box
63	Mortar and pestel	porcelain ware
64	Porcelain dish (china dish)	ceramic
65	Test Tube stand poly lab	plastic
66	test tube holder	plated steel with wooden handle
67	universal pH paper	packets with 5 books leaves per book 20 supplied in plastic box
68	Conical flask 250ml	borosilicate glass
69	Droppers with rubber bulb	borosilicate glass,110ml
70	Round bottom bottom flask	borosilicate glass,250ml
71	Flat bottom flask	borosilicate glass ,250 ml
72	Gas jar	borasilicate glass
73	Glass Rods	Glass
74	graduated cylinder 100ml	borosilicate glass
75	measuring cylinder	borosilicate glass ,100ml,scale division 1ml
76	Petridish 4"	crystal clear glass
77	pipette 20ml	borosilicate glass ,bulb form
78	Pipette 10ml	borosilicate glass ,bulb form
79	reagent bottles for liquid transparent 250ml	borosilicate glass ,250ml,narrow neck with pp stopper
80	Test Tube(packet of 100)	borosilicate glass ,with rim,15x125mm
81	Plain Slides 75mmx26mm	75mmx26mm
82	Coverslips	18x18mm.pack of 100
83	hand Lens metallic	metallic
84	Brush	plastic
85	Forceps	steel
86	Scissors	4"pointed
87	Slide Box(50 slots)	50 slots
88	Mitosis set/slide	slides
89	Meiosis set/slide	slides
90	bacteria	slides
91	Germinating pollen grains	slides
92	Stomata	slides
93	parenchyma	slides

M. Anil Kumar  
12/10/2023

Sl.No	ITEM NAME	Specifications
04	Sclerenchyma	slides
05	Collenchyma	slides
06	Xylem	slides
07	phloem	slides
08	Smooth muscle fiber	slides
09	Striated muscle fiber	slides
100	Cardiac muscle	slides
101	Human blood smear	slides
102	Nerve Tissue	slides
103	TS Blastula	slides
104	TS morula	slides
105	Euglena	slides
106	Paramecium	slides
107	Spirogyra	slides
108	Rhizopus	slides
109	Yeast	slides
110	Amoeba	slides
111	Entamoeba Histolica	slides
112	Fern(pteris)	specimen,plastic
113	Agaricus	specimen,plastic
114	Marchantia	specimen,plastic
115	Pine cone(male)	specimen,plastic
116	Pine cone(female)	specimen,plastic
117	Lichen(foliose)	specimen,plastic
118	Lichen(fructicose)	specimen,plastic
119	Lichen(crustose)	specimen,plastic
120	Inclined plane with Roller & Pan	with meter roller and weight pan with cord and trolley ,superior quality
121	Resistance Box 1-5000 ohm range	wood case deluxe quality 1 to 5000 ohm
122	Hand Gloves	thick rubber pairs
123	Volumetric Flask	Borosilicate glass 50 ml
124	Ammeter	0-500MA, analogue desk type
125	Student Microscope	compound microscope, with 3 objectives
126	Beaker 50ml	Borosilicate glass
127	Beaker 100 ml	Borosilicate glass
128	Beaker 25ml	Borosilicate glass
129	crocodile wires red and black	300 mm both side crocodile clips
130	Retort Stand	Retort Stand - 200x 100 mm
131	Bosshead	Metal
132	Clamp	Metal

*Naresh*  
18/10/2023

Sl No	ITEM NAME	Specifications
131	Rubber cork assorted	Pack of 10(different sizes)
132	Wire guage	with Asbestos Center & Frame
135	Tripod stand	200mm.
136	volumetric Flask 100ml	borosilicate glass
138	5 ply cardboard box for packing	cardboard box
139	Acetic acid Glacial	100ml
140	Ammonium Chloride	100ml
141	Ammonium hydroxide	100ml
142	Barium Chloride	100ml
143	Barium Sulphate	100gm
144	Bleaching Powder	100gm
145	Calcium Nitrate	100gm
146	Copper Metal	100gm
147	Copper Sulphate	100ml
148	Distilled water	100ml
149	Fehling Solution A	100ml
150	Fehling Solution B	100ml
151	Ferrous Sulphate	100ml
152	Glycerine	100ml
153	Iodine Solution	100ml
154	Iron Metal Powder	100 gm
155	Lead Acetate	100ml
156	Litmus Solution Blue/Red	100 ml
157	Magnesium Ribbon	25 gm
158	Magnesium sulphate	100 gm
159	Magnesium chloride	100 gm
160	Oxalic acid	100 gm
161	Potassium Hydroxide Flacks	100 gm
162	Potassium permanganate	100 gm
163	Sodium Bi Carbonate	100 gm
164	Sodium Hydroxide flacks	100 gm
165	Sodium chloride	100 gm
166	starch Powder	100 gm
167	Zinc Chloride	100 gm
168	Zinc metal granular	100 gm
169	Zinc Sulphate	100 gm
170	Clinical thermometer	BIS Marked

*Narain*  
18/10/2023

## Annexure- II

and specification of materials and equipment in respect of Math Lab.

No	ITEM NAME	Specifications
	Mensuration set	Plastic. Complete Set
	Half Protactor	Plastic
	Full protactor	Plastic
	Charts	Laminated chart 70x100cm
5	Geometrical concepts	Laminated. 70x100cm
6	Data handling	Laminated. 70x100cm
7	Circle	Laminated. 70x100cm
8	Graph cm square	Standard Set
9	Algebra tiles	Laminated. 70x100cm
10	Profit & loss	Laminated. 70x100cm
11	Angles	Laminated. 70x100cm
12	Meter scale wooden	100 cm
13	Geoboard plastic	With Screws, Rubber Bands and complete setup for performing Experiment
14	Folding scale plastic	Plastic
15	Algebraic Identities	Plastic

*Naor*  
15/10/2013